

US EPA ARCHIVE DOCUMENT

OLS Focus Area

Focus Area Extension Location

- Ames-L-45
- 2004 Expanded Focus Area Extensions
- 2008 Final Focus Area Additions
- 5% Frequency of Average Mid-Yard Concentrations > 400 ppm

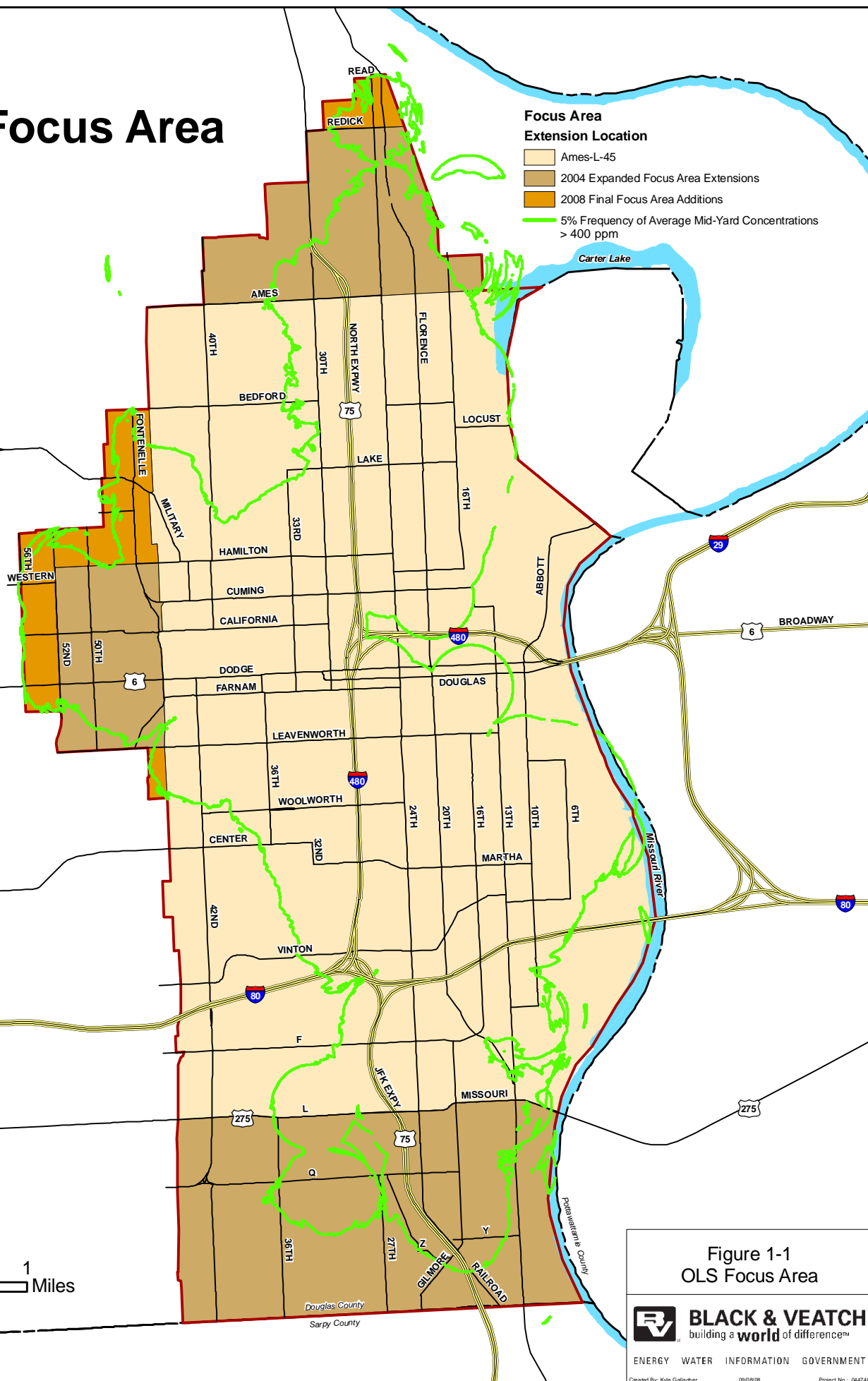
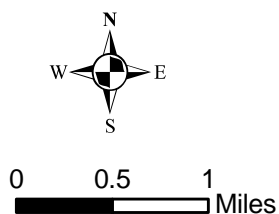


Figure 1-1
OLS Focus Area

BLACK & VEATCH
building a world of difference™

ENERGY WATER INFORMATION GOVERNMENT

Created By: Kyle Gallagher

09/08/08

Project No.: 044746

US EPA ARCHIVE DOCUMENT

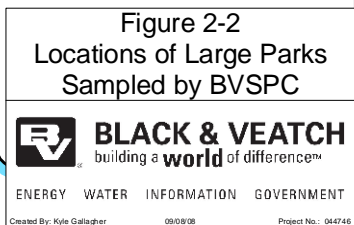


Figure 4-1
Comparison of XRF Data vs. Lab Data
2001 - 2007

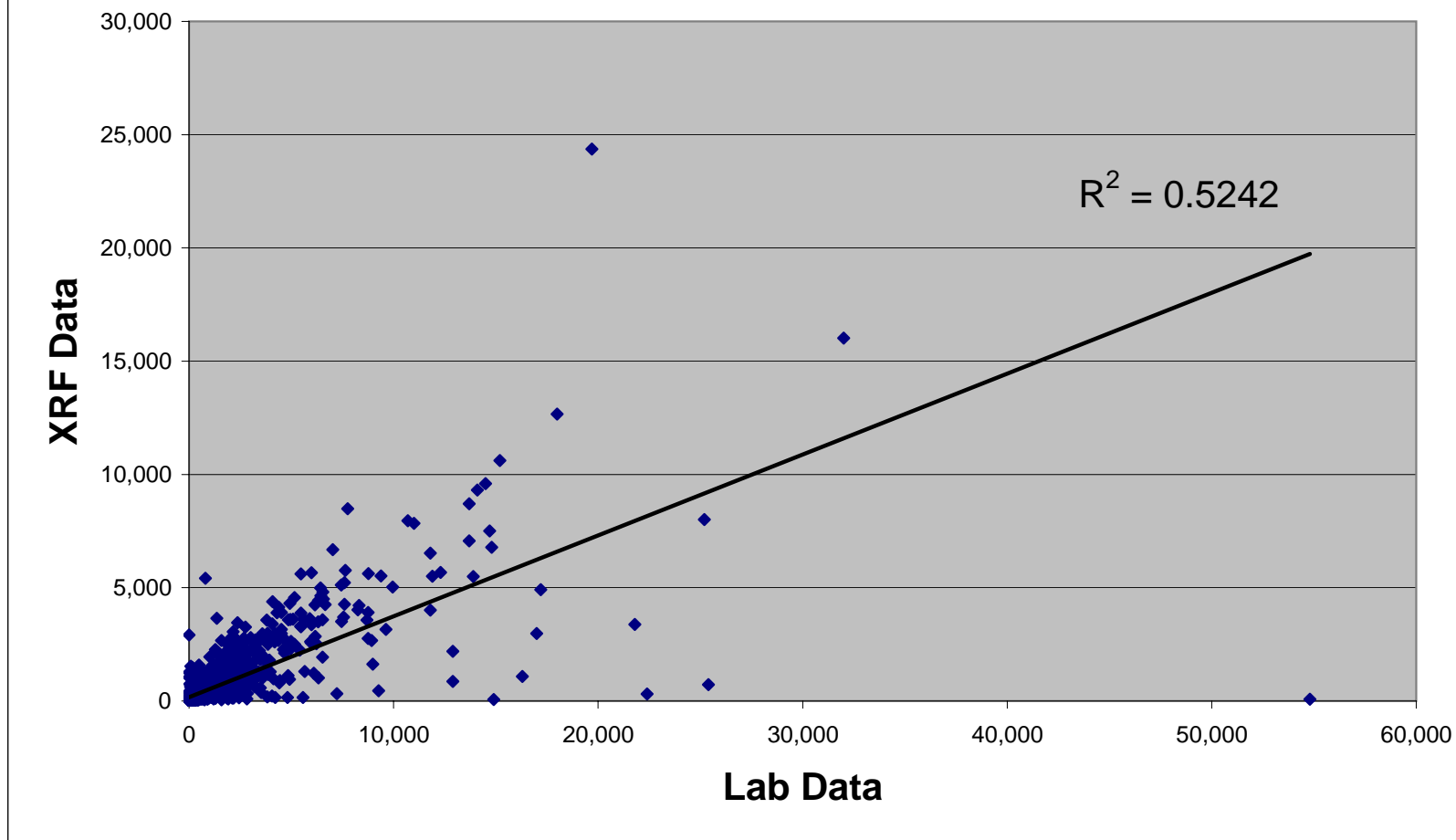


Figure 4-2
10 Mesh vs. 60 Mesh
Omaha Lead Site
Omaha, Nebraska

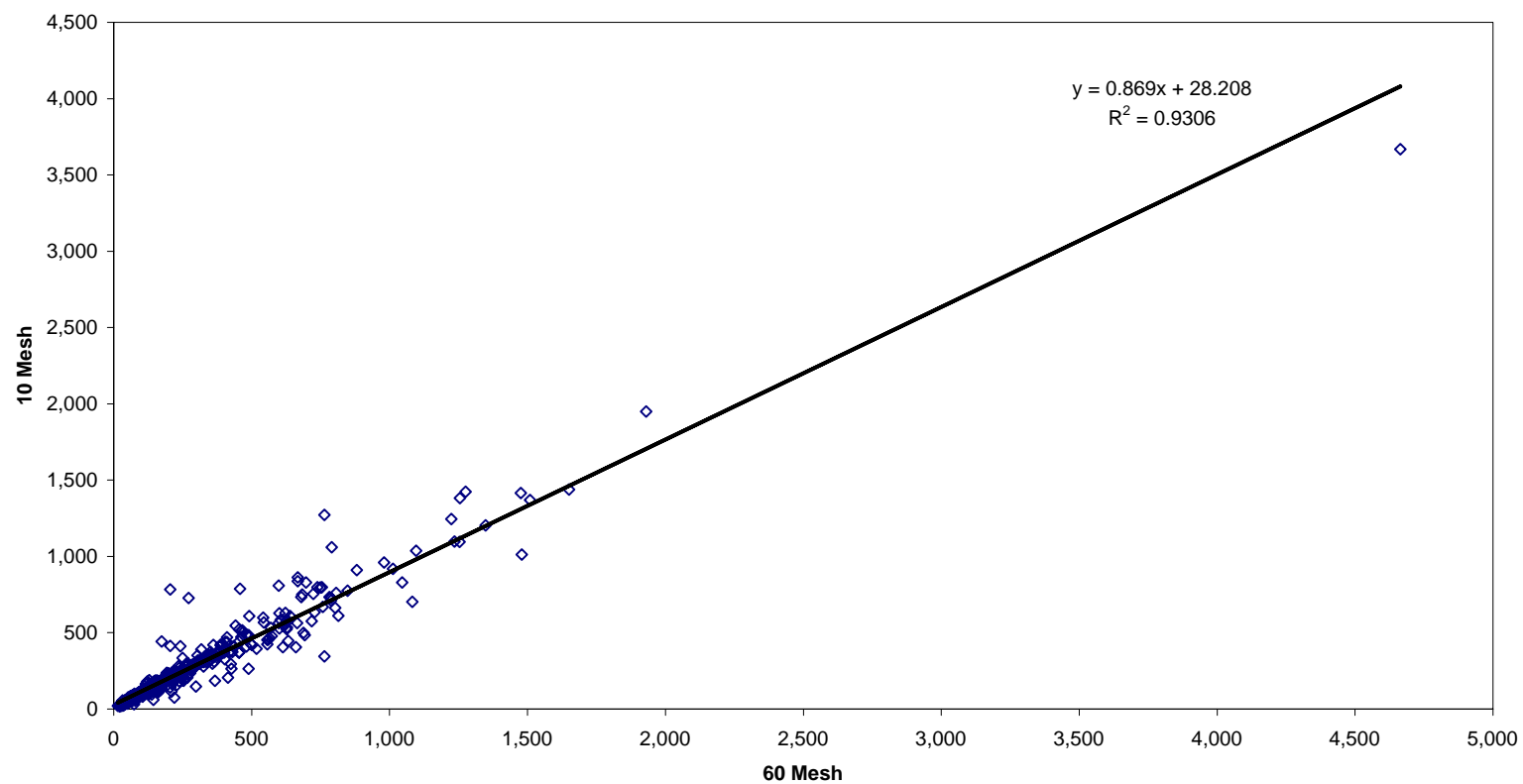
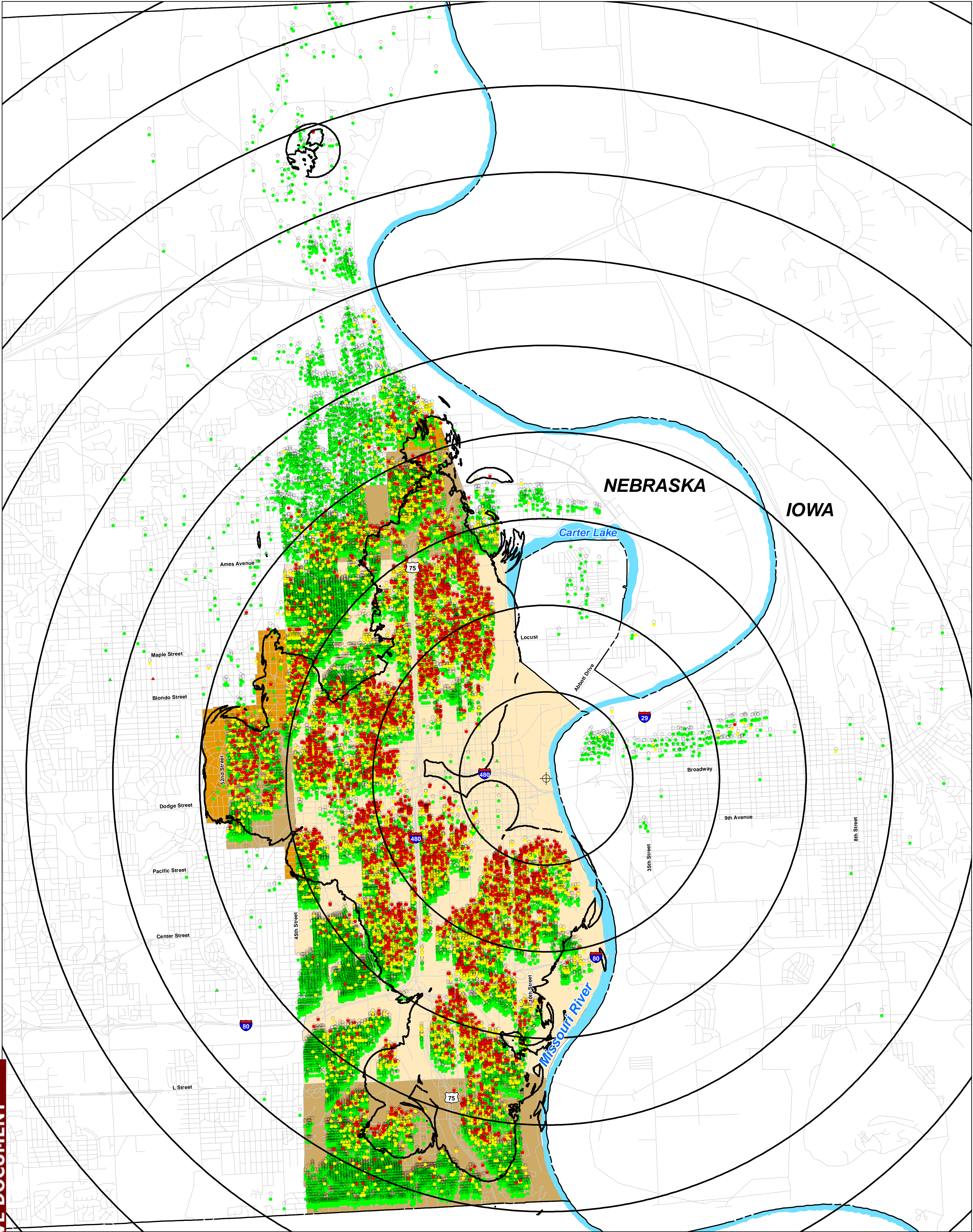


Figure 4-3
Residential, Child Care, and EBL Properties - Lead Results



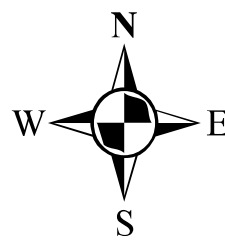
LEGEND

- Residential
- Child Care
- EBL's
- 0-399 mg/kg Lead Concentrations
- 400-799 mg/kg Lead Concentrations
- 800+ mg/kg Lead Concentrations
- 5% Frequency of Average Mid-Yard Concentrations > 400 ppm
- County Boundary/State Line
- Roads
- Missouri River/Carter Lake
- Mile Radius from Site Center

Results shown are based on highest non-foundation lead concentration at each property.

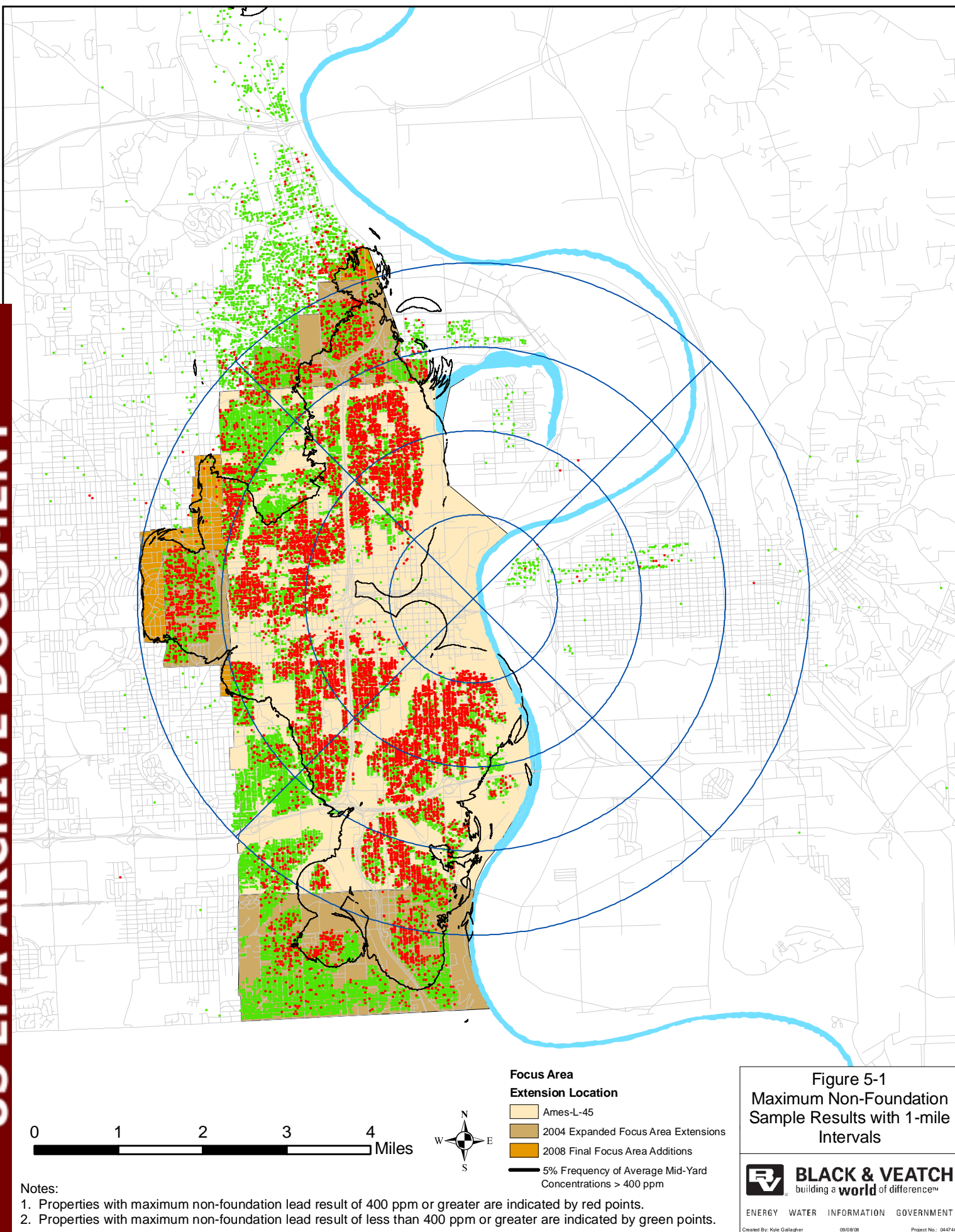
- Focus Area**
- Extension Location**
- Ames-L-45
 - 2004 Expanded Focus Area Extensions
 - 2008 Final Focus Area Additions

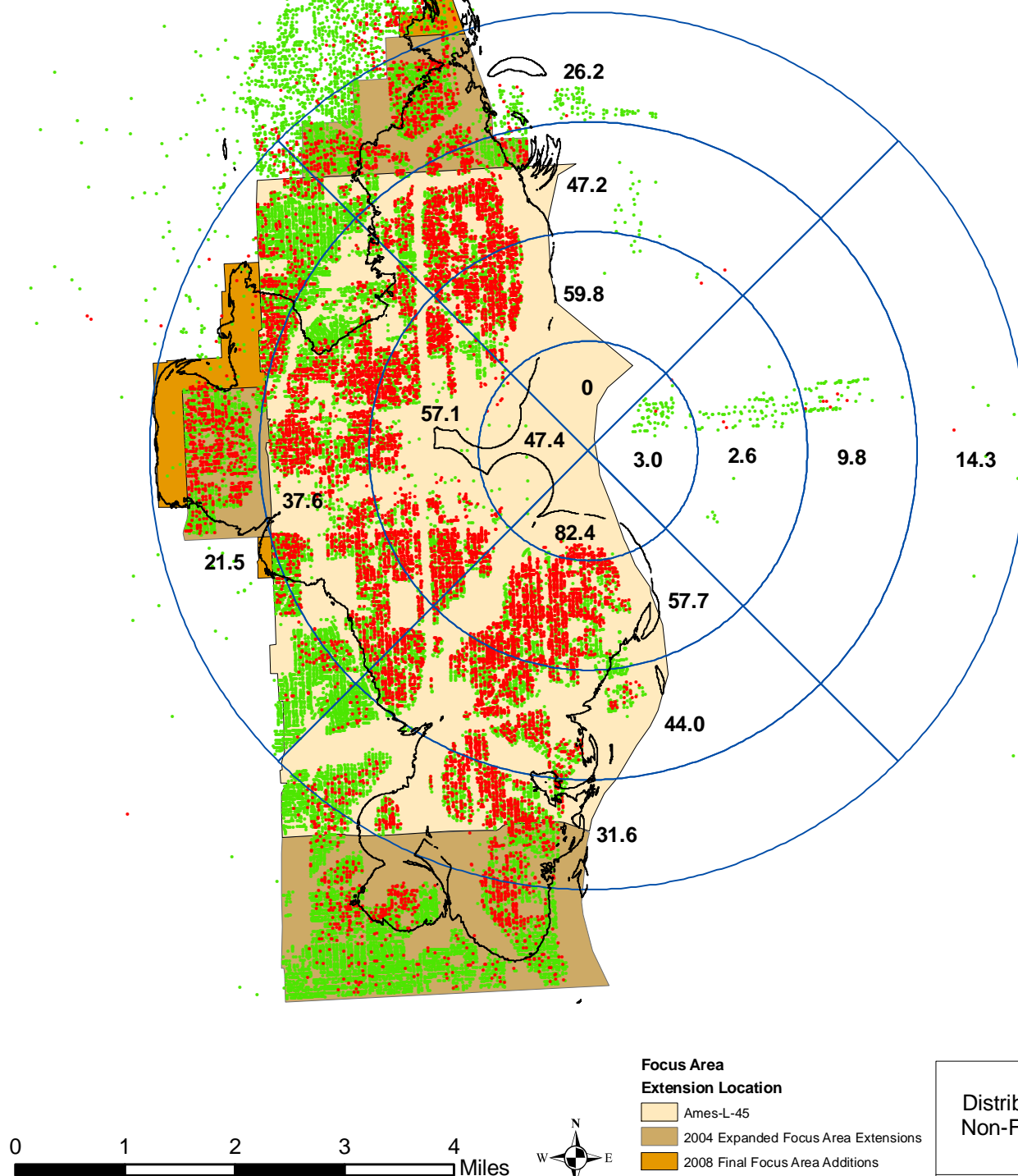
0 5,000 10,000 15,000 Feet



BLACK & VEATCH
building a world of difference™

ENERGY WATER INFORMATION GOVERNMENT
Created By: Kyle Gallagher 09/08/08 Project No.: 044746





Notes:

1. The number value within each 1-mile sector is the percentage of properties with maximum non-foundation lead result of 400 ppm or greater as indicated by red points.
2. Properties with maximum non-foundation lead result of less than 400 ppm or greater are indicated by green points.

Figure 5-2
Distribution of Maximum
Non-Foundation Sample
Results



BLACK & VEATCH
building a world of difference™

ENERGY WATER INFORMATION GOVERNMENT

Created By: Kyle Gallagher

09/08/08

Project No.: 044746

Figure 6-1. General Site Conceptual Model for Human Exposure at the Omaha Lead Site

